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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/726,797	11/30/2000	Yasser alSafadi	US000338	5695
24737	7590	03/10/2005	EXAMINER	
PHILIPS INTELLECTUAL PROPERTY & STANDARDS P.O. BOX 3001 BRIARCLIFF MANOR, NY 10510			TRAN, QUOC A	
			ART UNIT	PAPER NUMBER
			2176	

DATE MAILED: 03/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/726,797

Applicant(s)

ALSAFADI ET AL.

Examiner

Quoc A. Tran

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 16 December 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### **DETAILED ACTION**

1. This action is responsive to communications: RCE filed 12/16/2004 and amendment filed 08/17/2004, to the original application filed 11/30/2000.
2. Claims 1-18 are currently pending in this application. Claims 1, 17 and 18 are independent claims

### ***Continued Examination Under 37 CFR 1.114***

3. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 07/22/2004 has been entered.

### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application

filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

**5. Claims 1-18 are rejected under 35 U.S.C. 102(e) as being anticipated over Jamtgaard et al. US006430624B1 - filed 02/14/2000 (hereinafter '624).**

**In regard to independent claim 1,** *"determining a content profile associated with the device"*, as taught by '624 at col. 4, line 59 through col. 5, line 5 (i.e... from an Internet content provider's web site in various forms, such as HTML data, XML data, or raw data feeds and then re-deliver it, via the translation server 12 and through a telecommunications system 14, such as, a wireless carrier base station that uses a typical communications format such as CDPD, to information appliances 15 in a format that is completely customized to the end user's device type and browsing capabilities. Thus, the content delivery system and method may generate and output WML, HDML, tiny HTML, compact HTML, HTML or XML data that is compatible with the particular information appliance 15. The information appliances 15 may be any type of device including WAP compliant cell phones, Windows CE devices, Palm OS devices, and any other HTML browser based devices...),

*"generating a conditioned document by applying the content profile to a requested document containing content for presentation at the device"*, as taught by '624 at col. 2 lines 50-65 (i.e... permits content to be input into the system in a variety of different formatting languages. In addition, the system permits the formatted content to be output in any mark-up language and protocol, such as WML, HTML, HDML, XML, etc. Advantageously, each display page on the device may be customized.... for display

on the devices according to the input/output format, such as the display screen size parameters of the devices... In more detail, the method for content delivery may include intelligently harvesting content from a web page to provide that content to a plurality of different information appliances having different screen sizes...),

*"determining a stylesheet associated with the device; and applying the Stylesheet to the conditioned document to generate an output suitable for presentation at the device"*, as taught by '624 at col. 6, lines 35-50 (i.e... XSL rules used by the XML engine 46 for converting XHTML pages into RML (Relational Markup Language), one or more URL Ids and various device information. In accordance with the invention, each XSL rule may be indexed in the database based on an ID (the ID may contain a URL, a name/value pair and cookie information) so that the system may determine which rule applies to which incoming URL. The device information may be used by the layout engine 42 in order to convert the RML data into one or more cards in a deck that may be displayed on the particular device. ...).

**In regard to dependent claim 2**, *"the retrieved document comprises an extensible mark-up language document"*, as taught by '624 at col. 4 lines 10-15 (i.e... the system permits content in a variety of different formats, such as HTML, XML, raw data, etc., to be input into the system and then permits the content to be output in a variety of different output formats and protocols, such as WML, HTML, HDML, XML...).

**In regard to dependent claim 3**, *"the steps of determining a schema associated with the device, and generating the conditioned document by applying the content profile and the schema to the requested document"*, as taught by '624 at col. 15, lines

35-45 (i.e. ... an intelligent navigation scheme...for each different information appliance or wireless device that may have different display capabilities...).

**In regard to dependent claim 4, "the first applying step is implemented in a content conditioner element of the processing device",** as taught by '624 at col. 14, lines 1-20 (i.e. ... To display this website on a display device 15, such as a Palm Pilot or a Windows CE device, the groups and atomics need to be organized and placed on cards that make up the presentation shoe (definition of cads and shoe, see '624 col. 8, lines 1-25). Cards are created by examining how groups best fit onto the cards. A tree data structure can be generated from the RML object. As described above, nesting groups describe the relational context of content contained in a web page .... Thus, the class attribute allows different levels of content to be presented to different classes of devices. For example, the general classes of devices are shown in the following table, but the number of classes may be increased or decreased...).

**In regard to dependent claim 5, "a server which stores at least a portion of the requested document",** as taught by '624 at col. 6, lines 30-55 (i.e. ... FIG. 4 is diagram illustrating a preferred implementation of the translation server 12 of the content delivery system 10.... The translation server 12 may also include a database 47 that may contain XSL rules used by the XML engine 46 for converting XHTML pages into RML, one or more URL Ids and various device information...).

**In regard to dependent claim 6, "the second applying step is implemented in an extensible stylesheet language engine element of the processing device",** as taught by

'624 at col. 6, lines 35-50 (i.e... XSL rules used by the XML engine 46 for converting XHTML pages into RML (Relational Markup Language) ...).

**In regard to dependent claim 7,** *"the second applying step is implemented in an extensible Stylesheet language engine element of a server which stores at least a portion of the requested document"*, as taught by '624 at col. 6, lines 30-55 (i.e. ... FIG. 4 is diagram illustrating a preferred implementation of the translation server 12 of the content delivery system 10.... The translation server 12 may also include a database 47 that may contain XSL rules used by the XML engine 46 for converting XHTML pages into RML, one or more URL Ids and various device information...).

**In regard to dependent claim 8,** *"wherein the content profile for a given device comprises one or more operations and corresponding parameters that are required to condition the requested document content for a desired consumption experience at the processing device"*, as taught by '624 at col. 6, lines 30-55 (i.e. ... FIG. 4 is diagram illustrating a preferred implementation of the translation server 12 of the content delivery system 10.... The translation server 12 may also include a database 47 that may contain XSL rules used by the XML engine 46 for converting XHTML pages into RML, one or more URL Ids and various device information...).

**In regard to dependent claim 9,** *"wherein the content profile comprises a summarization program which specifies a manner in which summarization information derived from the retrieved document is to be presented at the device"*, as taught by '624 at col. 2 line 65 through col. 3, line 5 (i.e... The intelligent harvesting may convert the content into a proprietary relational markup language (RML) and generate a tree and

then a document object model from the RML content. The tree may then be analyzed and searched using a set of processing rules in order to generate content screens customized to each information appliance...).

**In regard to dependent claim 10**, *"wherein the content profile specifies a maximum percentage of an amount of original text associated with the requested document that is to be presented at the device"*, as taught by '624 at col. 13, lines 19-45 (i.e... FIG. 10 is a diagram of the layout engine 42 ... formats a content source for a specific device's screen and inherent capabilities. The layout engine 42 may include the content cutter 72.... cuts all the content of format and content classes not appropriate for the specific device from the received HTML page to ... dynamically devises an optimal layout and navigation structure for the particular device 15... For example, an atomic may be a paragraph of text, a heading, a link to a news story, a picture, etc. Atomics may be grouped together to reveal relationships between them. Groups may be nested to form a complex relational hierarchy. These groups can be placed on cards so that customized presentation pages can be transmitted to a device 15...).

**In regard to dependent claim 11**, *"wherein the output is presented in a visually-perceptible manner on a display of the device"*, as taught by '624 at col. 13, lines 19-30 (i.e... The layout engine 42 may include the content cutter 72.... cuts all the content of format and content classes not appropriate for the specific device from the received HTML page to ... dynamically devises an optimal layout and navigation structure for the particular device 15...).



**In regard to dependent claim 12,** *"wherein the output is presented in an audibly-perceptible manner using a speaker associated with the device",* as taught by '624 at col. 4, line 65 through col. 5, line 5 (i.e... output WML, HDML, tiny HTML, compact HTML, HTML or XML data that is compatible with the particular information appliance 15. The information appliances 15 may be any type of device including WAP compliant cell phones, Windows CE devices, Palm OS devices, and any other HTML browser based devices...).

**In regard to dependent claim 13,** *"wherein the processing device comprises a desktop or portable personal computer",* as taught by '624 at col. 4, line 65 through col. 5, line 5 (i.e... output WML, HDML, tiny HTML, compact HTML, HTML or XML data that is compatible with the particular information appliance 15. The information appliances 15 may be any type of device including WAP compliant cell phones, Windows CE devices, Palm OS devices, and any other HTML browser based devices...).

**In regard to dependent claim 14,** *"wherein the processing device comprises a personal digital assistant",* as taught by '624 at col. 4, line 65 through col. 5, line 5 (i.e... output WML, HDML, tiny HTML, compact HTML, HTML or XML data that is compatible with the particular information appliance 15. The information appliances 15 may be any type of device including WAP compliant cell phones, Windows CE devices, Palm OS devices, and any other HTML browser based devices...).

**In regard to dependent claim 15,** *"wherein the processing device comprises a wireless telephone",* as taught by '624 at col. 4, line 65 through col. 5, line 5 (i.e... output WML, HDML, tiny HTML, compact HTML, HTML or XML data that is compatible

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with the particular information appliance 15. The information appliances 15 may be any type of device including WAP compliant cell phones, Windows CE devices, Palm OS devices, and any other HTML browser based devices... ).

**In regard to dependent claim 16**, *"wherein the processing device comprises an Internet-enabled television"*, as taught by '624 at col. 4, line 65 through col. 5, line 5 (i.e... output WML, HDML, tiny HTML, compact HTML, HTML or XML data that is compatible with the particular information appliance 15. The information appliances 15 may be any type of device including WAP compliant cell phones, Windows CE devices, Palm OS devices, and any other HTML browser based devices... ).

**In regard to independent claim 17**, is directed to an apparatus for performing the method of claims 1 and 5, and is similarly rejected under the same rationale.

**In regard to independent claim 18**, is directed to a machine-readable storage medium for performing the method of claim 1, and is similarly rejected under the same rationale.

### ***Response to Argument***

7. Applicant's arguments filed 08/17/2004, have been fully considered but are moot in view of new ground of rejection.

### ***Conclusion***

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quoc A. Tran whose telephone number is (571) 272-

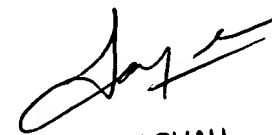
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4103. The examiner can normally be reached on Monday through Friday from 8:30AM to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph H. Feild can be reached on (571) 272-4090. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



SANJIV SHAH  
PRIMARY EXAMINER

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*Quoc A. Tran*  
*Patent Examiner*  
*Technology Center 2176*  
*February 28, 2004*